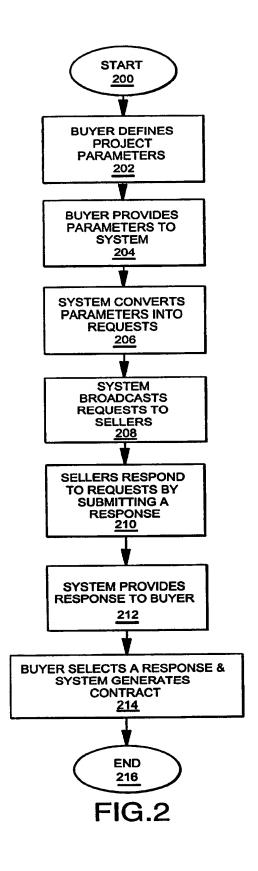
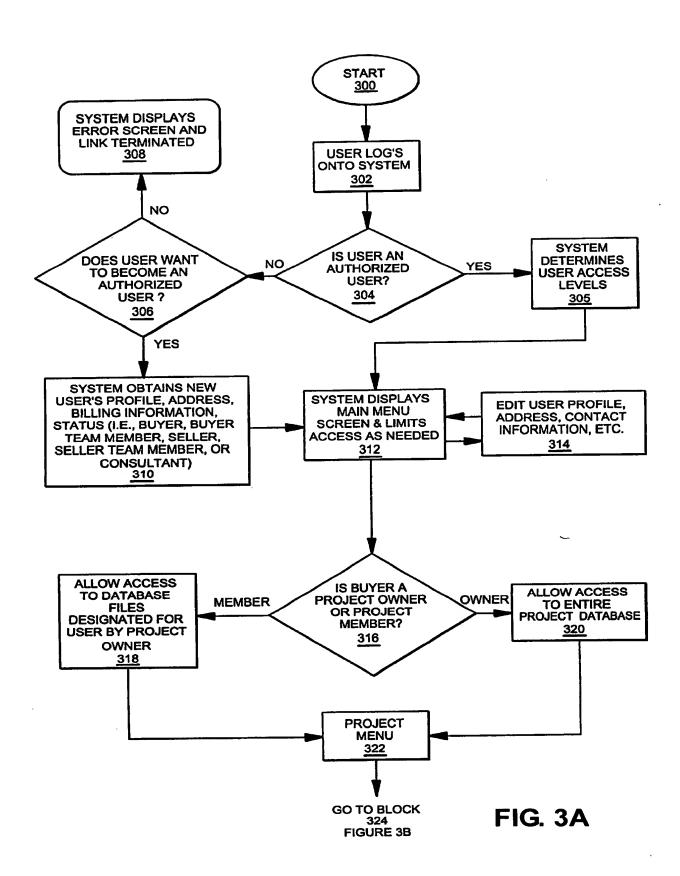
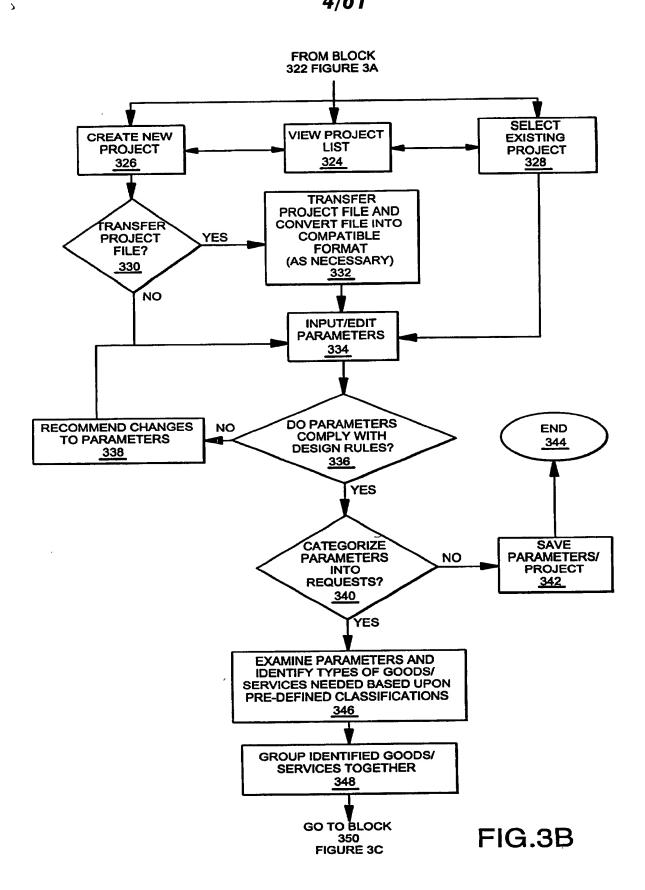
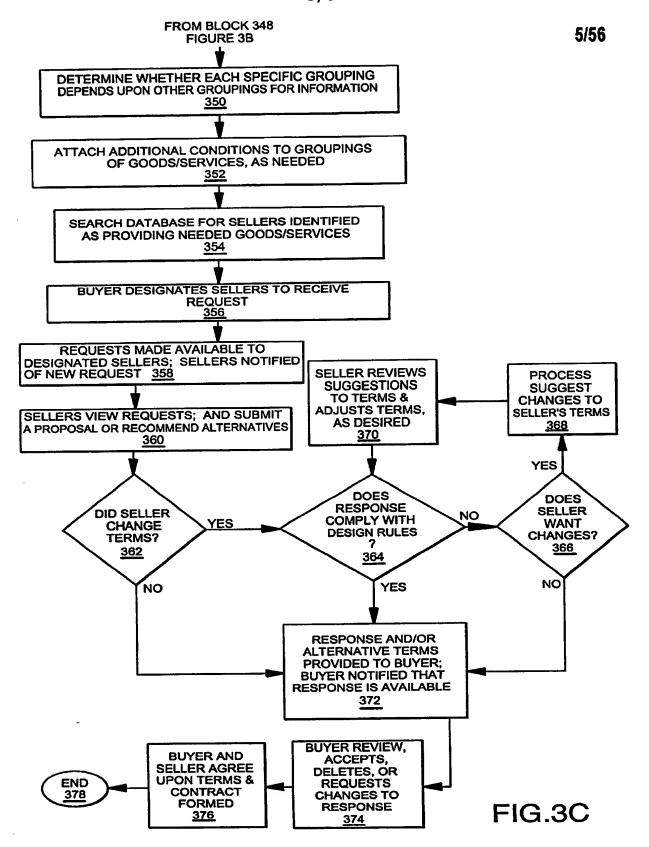


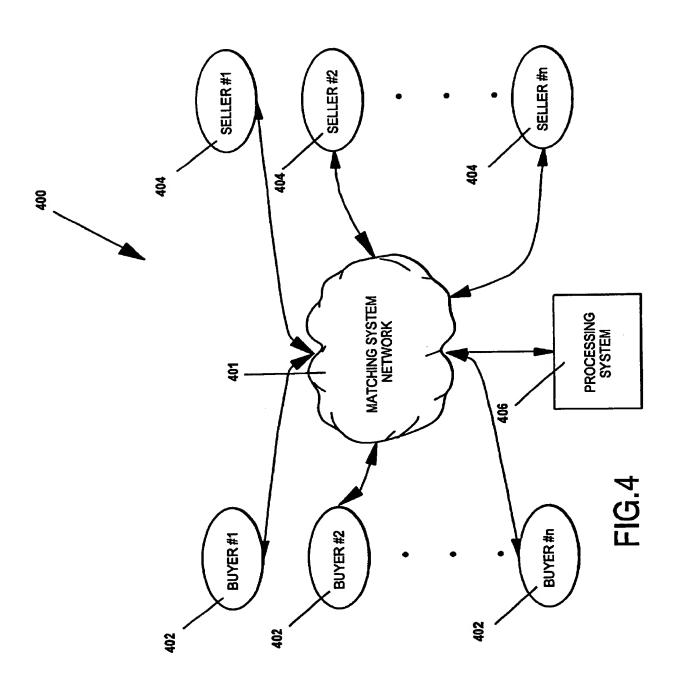
3











e 3

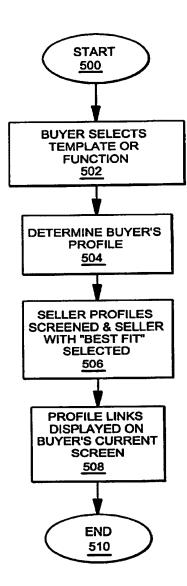
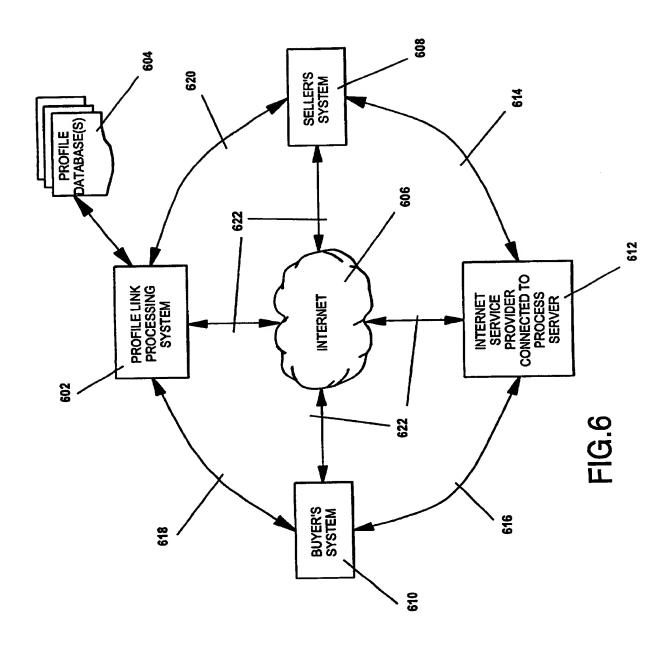
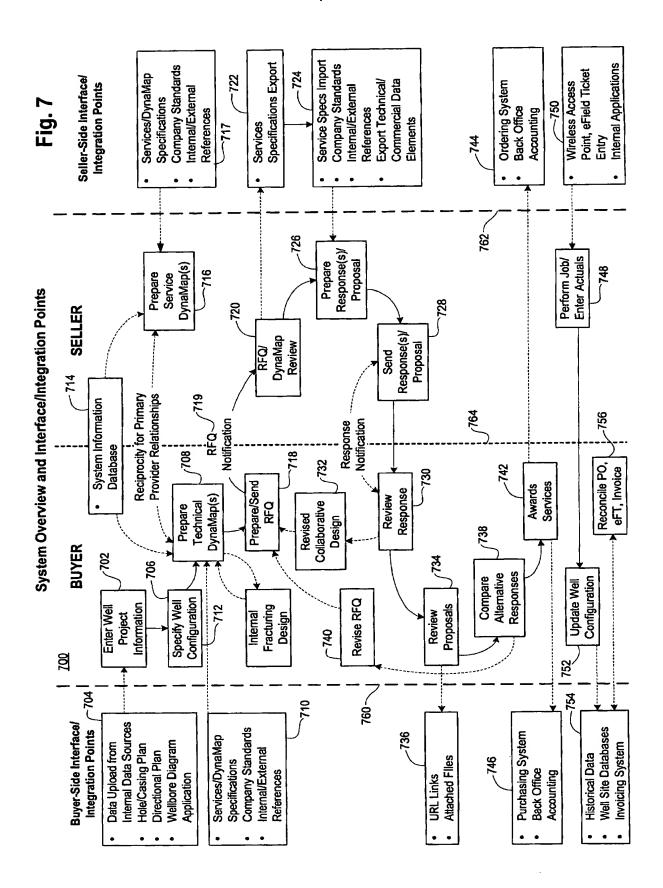


FIG.5





			700
1	5 WELLBID, INC-MICROSOFT II		
	FILE EDIT VIEW FAVORITE	<u>S</u>	TOOLS HELP ②SEARCH① FAVORITES ②HISTORY   日本
	ADDRESS   5] http://wellbid.co		GISPARCHE PAVORITES CHISTORY GAVES TO TOO
	VDDVE22 STUMEUROTO	1110	
	₩ WELL	B	APPLY TODAY —
	LOGIN NAME: PASSWORD:		704  GIN TRANSACTION REPORT USE CASES INDUSTRY LINKS WELLBID TOUR WHAT'S NEW
ر 702	▼ ABOUT WELLBID	4	
. 02	► COMPANY OVERVIEW		WELLBID < <wellbid demos<="" td=""></wellbid>
	► KEY PERSONNEL ► PRESS RELEASES		TAKE THE WELLBID TOUR! CLICK ON ONE OF THE LINKS BELOW TO SEE A DEMONSTRATION OF THE
	► TESTIMONIALS ► CAREER OPPORTUNITIES		WELLBID SERVICE:
	► INVESTOR RELATIONS ► CONTACT WELLBID		FOR THE OPERATOR DEMO, PLEASE CLICK HERE. FOR THE SERVICE COMPANY DEMO, PLEASE CLICK HERE.
	▼ COMMON QUESTIONS		THANKS FOR VISITING WELLBID!
	> WHY WELLBID?(BUYERS)		QUESTIONS OR PROBLEMS REGARDING THIS WEBSITE SHOULD BE DIRECTED TO
	► WHY WELLBID?(SELLERS) ► GENERAL QUESTIONS		WEBMASTER@WELLBID.COM COPYRIGHT-1999, 2000 WELLBID, INC. ALL RIGHT'S RESERVED. LAST MODIFIED: 04/30/2000 07:05:53
	> TECHNICAL QUESTIONS		LAST MODIFIED: 04/30/2000 07:05:53
	▼ NEWS		
	► WELLBID IN THE NEWS		
	► WELLBID EVENTS ► NEWSLETTER		
	REUTERS OIL & GAS NEWS		
	▼ SEARCH		
	► SEARCH WELLBID	₽	
	5		O INTERNET
	U⊫aSTARTII ⊘ ® ® ® C	7	» [ F]WELLBID,INCMICROS  F]WELLBID PRINTS,DOC-MICROSO しまる図の母 9:46 PM

FIG.8A

800
<u> </u>
USER PROFILE
WELLOGIX PLEASE UPDATE YOUR PERSONAL PROFILE INFORMATION BELOW AND CLICK THE SAVE BUTTON
BID REQUEST SUMMARY PREFIX: MRI▼
ALL PROJECTS LIST 802 FIRST: JOHN
PROFILE MIDDLE INITIAL:
USER PROFILE GO LAST: SMITH PROJECTS LOGIN: TECH
PROJECTS LOGIN: TECH PASSWORD: TECH
GO TITLE: GLOBAL DRILLING ENGINEER
FIND A CONSULTANT EMAIL ADDRESS: \( \) 804
GIVE US FEEDBACK REGION & BASIN: CANADA-ALBERTA
LOGOUT CANADA-BRITISH COLUMBIA
SPE NUMBER:
LAST DEGREE: MBA 2001
YEAR GRADUATED: 1980
SPECIALTY: DRILLING MECHANICS
NOTIFICATION PREFERENCE: EMAIL
SAVE CANCEL RESET
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FIG.8B

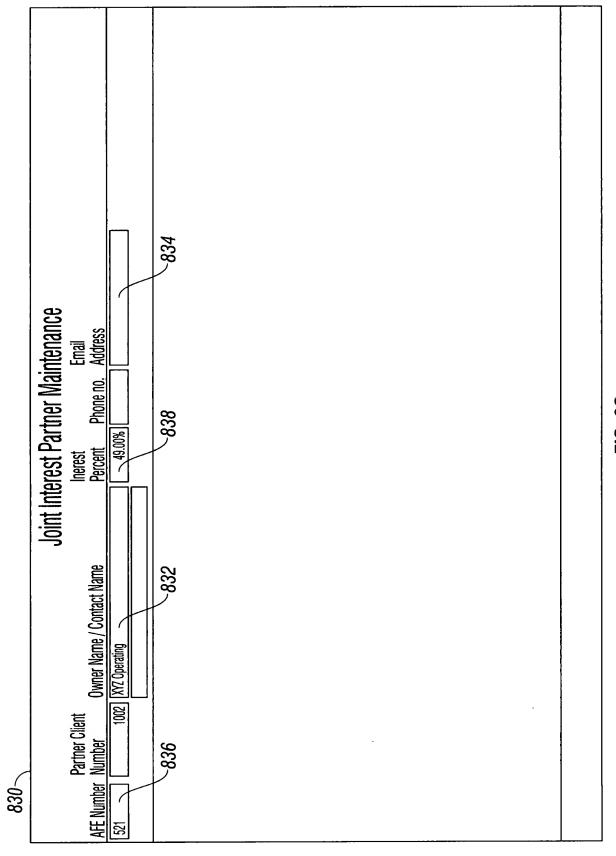


FIG. 8C

	900	
1	51 WELLBID, INC-MICROSOFT INTERNET EXPLORER	_B×
	FILE EDIT VIEW FAVORITES TOOLS HELP   ⇔BACK→ → ▼ ③ ② △   @SEARCHOD FAVORITES ⊘HISTORY   □ ☑ ▼ ■ ☑ ▼ ■	
	ADDRESS [a] http://www1.wellbid.com/pubwellbid/custom_process_center.userlogin	▼ (p>GO
904	WELCOME TO WELLBID, JOHN SMITH (WELLBID BUYER SERVICES) WELLOGIX BID REQUEST SUMMARY	20-SEP-2000
902 906 908 910	BID REQUEST SUMMARY ALL PROJECTS LIST PROFILE  YOU HAVE 365 UNSUBMITTED BID REQUESTS. PROJECTS  YOU HAVE 37 SUBMITTED BID REQUESTS. YOU HAVE 7 CLOSED BID REQUESTS.  YOU HAVE 41 REPLIES.  914  YOU HAVE 41 REPLIES. 916  FIND A CONSULTANT GIVE US FEEDBACK	
	COPYRIGHT 1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED. PATENT PENDING "WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WI	ELLOGIX, INC.
		INTERNET
	ESTARTILO DE RECENITARIO NO LA PRINTS, DOCAMICROSO USO	図○母 9:48 PM

FIG.9A

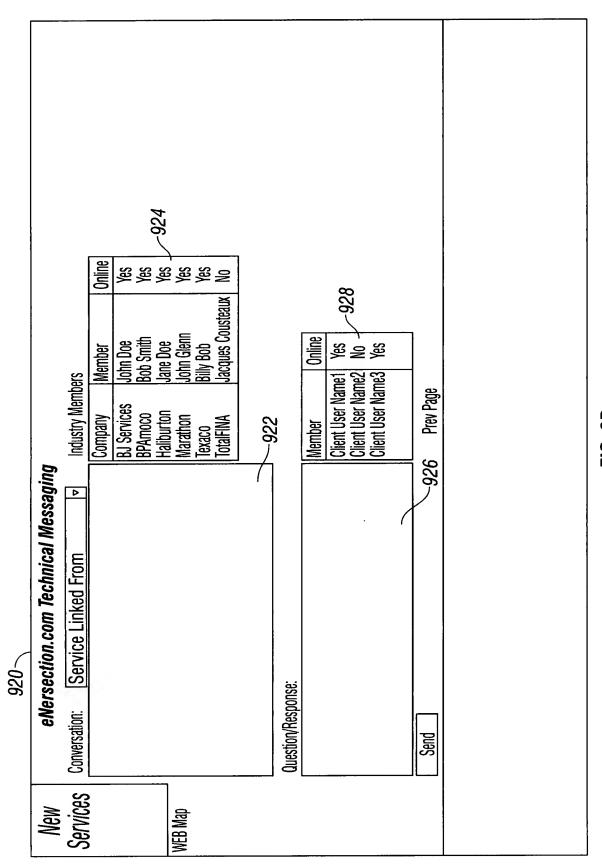


FIG. 9B

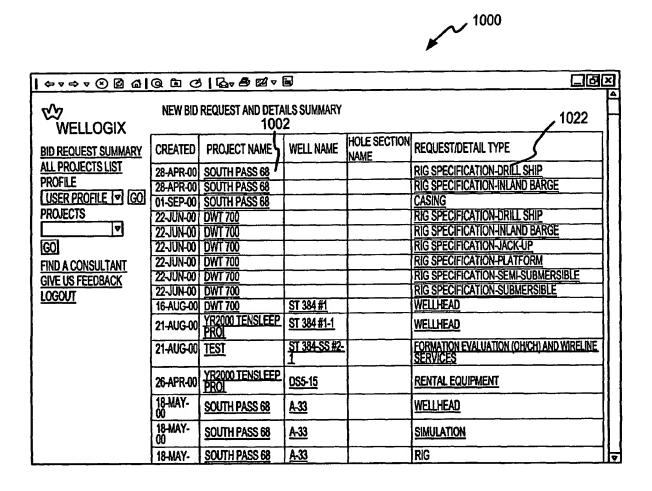
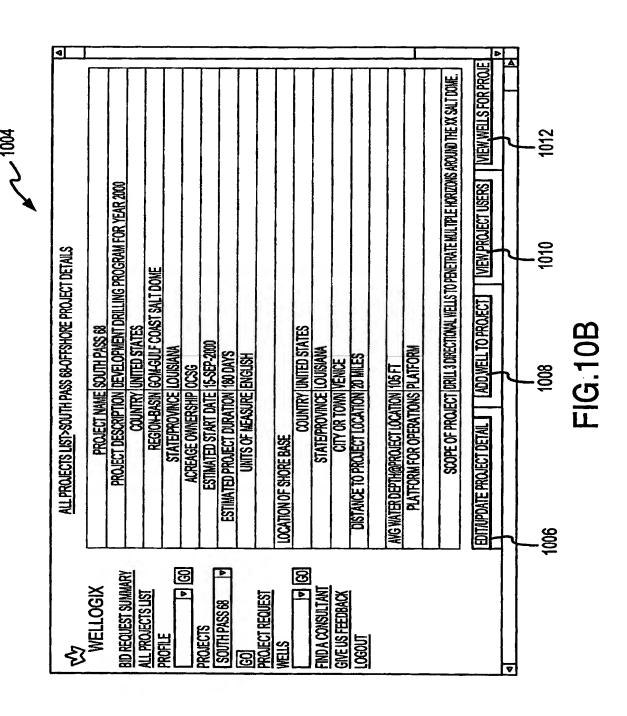


FIG.10A



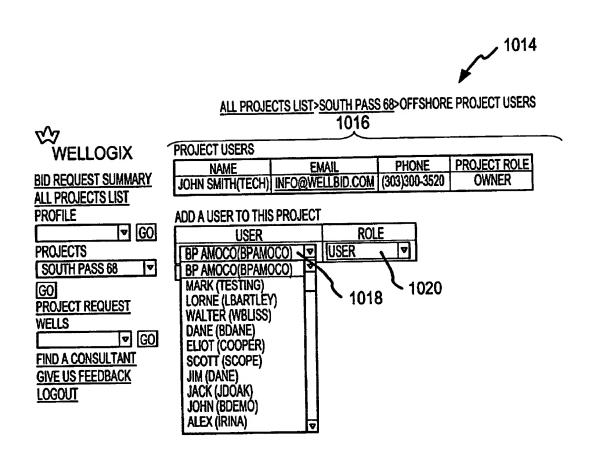


FIG.10C

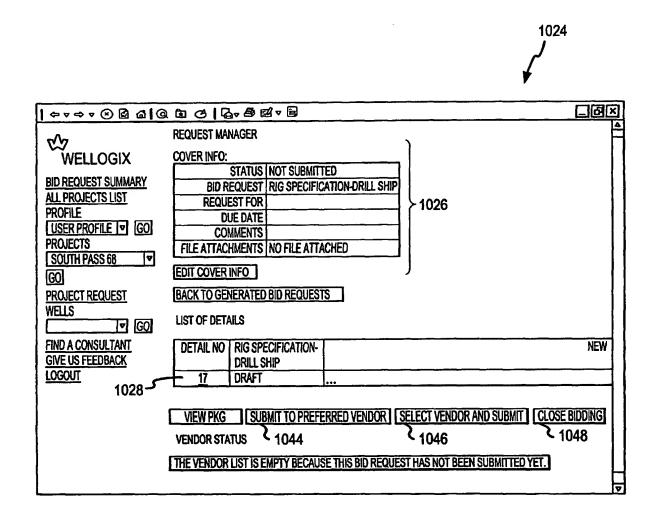


FIG.10D

# *19/61*

WELLOGIX 1032  BID REQUEST SUMMARY ALL PROJECTS LIST PROFILE  □ GO PROJECTS FROGET TO HOGGING (INCLUDING FORMATION/PRODUCTION LOGGING) & WL SERVICES PROJECTS PROJECTS FROZEO TENSLEEP PRO □  □ BLACK WARRIOR WIRLINE CORP. □ BLACK WARRIOR WIRLINE C			1030	
WELLOGIX 1032 BID REQUEST SUMMARY ALL PROJECTS LIST PROFILE    GO	-A- [ S	SELECT A FEATURED VENDOR OR SUGGEST A VENDO	<u>DR</u>	P
BID REQUEST SUMMARY ALL PROJECTS LIST PROFILE    Q   CARDINAL SURVEYS COMPANY   CHARLIE NEWSOM   TO ARDINAL SURVEYS   CHARLIE NEWSOM   TO ARDINAL SURVEYS COMPANY   CHARLIE NEWSOM   TO ARDINAL SURVEYS   CEMENT EVALUATION   NO 19   TO ARDINAL SURVEYS   TO ARDINAL S				Ш
BID REQUEST SUMMARY ALL PROJECTS LIST    CARDINAL SURVEYS COMPANY   CHARLIE NEWSOM   TO MODERN	WELLOGIX 1032			41
PROFILE    GO	BID REQUEST SUMMARY			4 [
PROJECTS  PROJECT S  VEX.2000 TENSLEEP PROT UNDERSTAND TO THE PROJECT REQUIREMENT NEEDS  CEMENT EVALUATION VEST E-LINE TO PROJECT REQUIREMENT NEEDS  CEMENT EVALUATION VEST E-LINE TO PRODUCTION AND LOGGING NO TO			<u> </u>	_
PROJECTS  VYEZODO TENSLEEP PRO   TO 1034  PROJECT REQUIST  WELLS  PRODUCTION AND LOGGING   NO	PROFILE			卣
REQUIREMENT NEEDS		CH LOGGING (INCLUDING FORMATION/PRODUCTION I	LOGGING) & WL SERVICES	
CEMENT EVALUATION   YES   E-LINE		REQUIREMENT NEEDS	7	11
PRODUCTION AND LOGGING			1	11
FORMATION EVALUATION   NO			<b>ii</b>	Н
DEFTH OF MAX HOLE ANGLE MD, FT   SS00   LOGGING THRU CASING OR TUBING?   CASING/TUBING   CAS	<del></del>		<del> </del>	П
DEPTH OF MAX HOLE ANGLE MD, FT   SS00   LOGGING THRU CASING OR TUBING?   CASING/TUBING   CAS			1	11
HOLE SECTIONS  SET PACKERS/BP PLUGS NO			†	
CLEANOUT FILL				П
GO   FIND A CONSULTANT   LOGGING TOOLS/SERVICES REQUIRED   FROM MD,FT   TO MD,FT   GIVE US FEEDBACK   CASING COLLAR LOCATOR(CCL)   YES   13294   12100   GAMMA RAY(GR)   YES   13294   12100   TEMPERATURE   YES   13294   12100   CEMENT BOND   YES   13294   12100   CEMENT BOND   YES   13294   12100    CEMENT BOND   YES   13294   12100    CASING/TUBING   CASING   CASING   OD SIZE, WEIGHT, ID SIZE(DRIFT), TOP,MD   BOTTOM,MO   MINIMUM ID IN   N			1	П
LOGGING TOOLS/SERVICES REQUIRED	<del></del>	CLEAROUT FILE [MO] [ ]	u .	11
CASING COLLAR LOCATOR(CCL)    YES		LOGGING TOOLS/SERVICES REQUIRED   F	ROM MD.FT TO MD.FT	
CASING/TUBING   CASING/TUBI				П
TEMPERATURE  CEMENT BOND  DEPTH OF MAX HOLE ANGLE MD, FT   3500				11
CEMENT BOND  P  DEPTH OF MAX HOLE ANGLE MD, FT   3500	<del></del>			11
DEPTH OF MAX HOLE ANGLE MD, FT 3500 LOGGING THRU CASING OR TUBING? CASING OR TUBING? CASING OR TUBING? CASING OR TUBING? CASING OD SIZE, WEIGHT, ID SIZE(DRIFT), TOP,MD-BOTTOM,MD MINIMUM ID IN DEPTH OF MIN IN FT FT STRING, IN ID, FT 4.5 12.6 3.875 12033 13294 3.875 1				Н
CASING/TUBING  OD SIZE, WEIGHT, ID SIZE(DRIFT), TOP,MD- BOTTOM,MD- MINIMUM ID IN DEPTH OF MININ IN STRING, IN ID, FT  [4.5		VEHENT SOILS	10201	₹
CASING/TUBING       CASING/TUBING         OD SIZE, WEIGHT, ID SIZE(DRIFT), TOP,MD- FT FT STRING, IN ID, FT       BOTTOM,MD MINIMUM ID IN STRING, IN ID, FT         [4.5] [12.6] [3.875] [12033] [13294] [3.875]       [7] [29] [6.059] [0] [12183] [6.059]		•		
CASING/TUBING  OD SIZE, WEIGHT, ID SIZE(DRIFT), TOP,MD- BOTTOM,MD- MINIMUM ID IN DEPTH OF MININ IN STRING, IN ID, FT  [4.5		•		727
CASING/TUBING OD SIZE, WEIGHT, ID SIZE(DRIFT), TOP,MD- BOTTOM,MD- MINIMUM ID IN ID, FT  [4.5				H
OD SIZE, IN         WEIGHT, IN         ID SIZE(DRIFT), TOP,MD- FT         BOTTOM,MD- MINIMUM ID IN STRING, IN         DEPTH OF MINID, FT           [4.5]         [12.6]         [3.875]         [12033]         [13294]         [3.875]         [3.875]           [7]         [29]         [6.059]         [0]         [12183]         [6.059]         [0]		LOGGING THRU CASING OR TUBING? CASING	7	11
OD SIZE, IN         WEIGHT, IN         ID SIZE(DRIFT), TOP,MD- FT         BOTTOM,MD- MINIMUM ID IN STRING, IN         DEPTH OF MINID, FT           [4.5]         [12.6]         [3.875]         [12033]         [13294]         [3.875]         [3.875]           [7]         [29]         [6.059]         [0]         [12183]         [6.059]         [0]				
[4.5]     [12.6]     [3.875]     [12033]     [13294]     [3.875]       [7]     [29]     [6.059]     [0]     [12183]     [6.059]			POTTOM AND LANGUAGE OF A PROPERTY OF A PROPE	
[4.5]     [12.6]     [3.875]     [12033]     [13294]     [3.875]       [7]     [29]     [6.059]     [0]     [12183]     [6.059]		IOD SIZE, IMEIONI, IID SIZE(UKIFI), TOP, MU-	BUTTOM, MUMINIMUM ID IN TOEPTH OF MINI FT STRING, IN TID. FT	
7 29 6.059 0 12183 6.059				
ا ) المستقل				
			(15.65)	
COMMENTS			<del></del>	11
NEED TO EVALUATE A CEMENT JOB ACROSS A 4 1/2" LINER. MAX ANGLE OF WELL AND TANGENT SECTION OF WELL IS 43 DEGREES.		I INEED TO EVALUATE A CEMENT JUB ACKUSS A 4	H	11
		SECTION OF WELL IS 43 DEGREES.		$\mathbf{I}$
	_		<u> </u>	Н
1036 - SAVE FINAL SAVE DRAFT CANCEL DELETE RESET	1036 -	SAVE FINAL SAVE DRAFT CANCEL DELETE	RESET	
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FIG.10E

## *20/61*

						4	~	1040	
₹ NET LOCIA	(REQUES	T #3754) Cł	LOGGING & W	L SERVIC	ES		<u> </u>		
WELLOGIX  BID REQUEST SUMMARY ALL PROJECTS LIST		TYPE: AF PLY BY: 01	E ESTIMATE -JUL-00						
PROFILE	REOU	ESTED RV	JOHN SMITH			OFFICE PHONE:	Τ		7
▼ G0	I/LQ0		GLOBAL DRILL	ING ENG	_	FAX:	<u> </u>		1 1
PROJECTS	COMPA		BUYER SERVI			E-MAIL:			]
YR2000 TENSLEEP PRO ▼	MAILING	ADDRESS:	ADDRESS		R	EGION & BASIN:	ROCKIE	S-BIG HOR	N
GO			DENVER CO 8	0222		·····	<u></u>		١ ل
PROJECT REQUEST							<del></del>		
WELLS	PROJECT	NAME: YE	R2000 TENSLEE	P PRO					
	<b>REGION 8</b>	BASIN: RO	OCKIES-BIG HO	RN					1
<u>DETAILS</u> HOLE SECTIONS	CO	UNTRY: U	SA						
HOLE SECTIONS									
GO		WELL NAM	IE: DS5-15						ł
FIND A CONSULTANT	WELL D	ESCRIPTIC	N: NEW TENSI	EEP PRO	DUCER				ł
GIVE US FEEDBACK									1
LOGOUT									1
			•						
			•						
	TO MD, F	7		132	104				[
	TD TVD, I		<del></del>	107					1
	BHST DE			250					i
			VHILE LOGGING		INE				Ì
		HOLE AN		43					
		E ANGLE,	DEG Le angle MD, F	43 T 350	<u> </u>				
i			SING OR TUBIN		SING				Į.
			UNITED SIT TOOK	10//		<del></del>	<del></del>		
	CASING/	WEIGHT	in cizembien	חנג פחד	POTTO4	A MED TANDINA DA R	NIN INE	TH OF MIN	TUBING TAIL
	IN SIZE.	LBWFT	וט פונב(טאור ) ) אין	FT MU	FI	A,MD- MINIMUM II STRING, IN	ו.םן		DEPTH, FT
	4.5	12.6	3.875	12033	13294	3.875	L		
	7	29	6.059	0	12183	6.059			
	COMMEN	ITS.							
			E A CEMENT JO	B ACROS	SA410	LINER. MAX AN	GLE OF W	ELL AND TA	ANGENT
İ	SECTION	OF WELL	IS 43 DEGREES						
1	CATEGO	RY ATTACH	IMENTS:						
1042	CASING S	<u>SUMMARY</u>	FILE	ATTACHI					}
l		SUMMARY	NOF	FILE ATTA	CHED				1
	BACK					=			
}			COPYRIGHT 1	999, 2000	WELLBI	D. INC. ALL RIGHT PENDING	S RESER	VED.	
1	WE	LOGIX" AN	DITHE WELLOG	IX LOGO	ARE PRO	PŘIETARY SERVI	ICE MARK	S OF WELL	ogix, inc. 📙

FIG.10F

1100

₩ELLOGIX	CLOSED BID	REQUEST AND DETA	AILS SUMMAR'	1	
BID REQUEST SUMMARY ALL PROJECTS LIST	CREATED	PROJECT NAME	WELL NAME	HOLE SECTION NAME	REQUEST/DETAIL TYPE
PROFILE ▼ GO	17-MAY-00	YR2000-TENSLEEP PROJ			CASING
PROJECTS SOUTH PASS 68	15-JUN-00	<u>DWT 700</u>	ST 384#1		FORMATION EVALUATION (OH/CH) AND WIRELINE SERVICES
GO PROJECT REQUEST	26-APR-00	YR2000-TENSLEEP PROJ	<u>DS5-15</u>		PUMPING UNIT
WELLS	26-APR-00	YR2000-TENSLEEP PROJ	DS5-15		CH LOGGING & WL SERVICES
FIND A CONSULTANT	20-JUN-00	YR2000-TENSLEEP PROJ	DS5-15		FORMATION EVALUATION (OH/CH) AND WIRELINE SERVICES
GIVE US FEEDBACK LOGOUT	26-APR-00	YR2000-TENSLEEP PROJ	DS5-15		REMEDIAL CEMENTING
	26-APR-00	YR2000-TENSLEEP PROJ	DS5-15	PRODUCTION	OPEN HOLE LOGGING

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FIG.11

FIG.12A

											- Letter	
1	<b>4</b>											Þ
		1208	RESPONSE DATE	29-MAY- 2000	26-MAY- 2000	29-MAY- 2000	26-MAY- 2000	26-MAY- 2000	26-MAY- 2000	26-MAY- 2000	26-MAY- 2000	26-MAY- 2000
	:	1206	FEEDBACK RESPONSE DATE	<u>(1</u>	<u>(ES</u>	YES	<u>YES</u>	VES	<u>(i)</u>	阅	阅	贸
1200	1	1204	INTERESTED	YES	YES	YES	YES	YES	YES	YES	YES	YES
		1202	VENDOR I	JOHN DOE	JOHN DOE	JOHN DOE	JOHN DOE	JOHN DOE	JOHN DOE	JOHN DOE	JOHN DOE	JOHN DOE
			REQUEST/DETAIL TYPE	CASING	TUBING	CHLOGGING & WL SERVICES	COMPLETION PACKERS	ISOLATION TOOLS-BRIDGE PLUGS	ISOLATION TOOLS RETRIEVABLE PACKERS	LOCATION	PUMPING UNIT	RATMOUSE HOLE
			HOLE SECTION NAME									
		EQUESTS	WELL NAME		085-15	085-15	085-15	085-15	SS-15	085-15	055-15	085-15
		REPLIES TO BID REQUESTS	PROJECT NAME	YRZ000 TENSLEEP PROJ	YRZ000 TENSLEEP PROJ	PROJ PROJ PROJ	TENSI EEP PROJ	YR2000 TENSLED PROJ	TRZ00 TENSLEEP PROJ	YR2000 TENSLEEP PROJ	YR200 TENSLEEP PROJ	PROBEE PROBE
			BID REQUEST SUMMARY ALL PROJECTS LIST	PROFILE ©	(S)	FIND A CONSULTANT GIVE US FEEDBACK						



₩ WELLOGIX	VENDOR INFO			
BID REQUEST SUMMARY	REPLIED BY:	JOHN DOE	OFFICE PHONE:	303 300 3520
ALL PROJECTS LIST	TITLE:		FAX:	UNKNOWN
PROFILE	COMPANY NAME:	WELLBID VENDOR SERVICES	E-MAIL:	HURST@WELLBID.COM
▼	MAILING ADDRESS:	4155 EAST JEWELL AVE. STE. 225	REGION & BASIN:	GOM-GULF COAST SALT DOME
PROJECTS		DENVER CO 80222	!	GOM-RIO GRANDE EMBAYMENT
		i [		GULF STATES-SOUTH LOUISIANA
				ROCKIES-BIG HORN
FIND A CONSIDERANT	[DACK]			

FIND A CONSULTANT GIVE US FEEDBACK LOGOUT

BACK

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FIG.12B

				121 سر	2	
₩	VENDOR FEEDBACK			<i>y</i>		
WELLOGIX			HOLE SECTION	BID REQUEST/DETAIL		
BID REQUEST SUMMARY	PROJECT NAME	WELL NAME	NAME	TYPE CASING	VENDOR	RESPONSE DATE
ALL PROJECTS LIST	YR2000 TENSLEEP PROJ				JOHN DOE	29-MAY-2000
PROFILE	COMMENTS:					· · · · · · · · · · · · · · · · · · ·
▼ GO	WHERE DO YOU WANT T	HIS TO BE DEL	IVERED?			
PROJECTS						
YR2000 TENSLEEP PRO	1214	4				
GO						
PROJECT REQUEST						
WELLS		COPYRIGHT.	1999, 2000 WELL	BID, INC. ALL RIGHTS RI PENDING	eserved.	
▼ GO	SAIST LOCKY AND	ח דעב שבו ו ה	PATEN	TPENDING ROPRIETARY SERVICE I	NADKO VE M	ELLOGIY INC
FIND A CONSULTANT	WELLOGIA AIN	D INE HIELLO	SIX LOGO MIL FI	OFFICE AND SERVICE I	IMINIO OI TTI	LLLOGIA, MO.
GIVE US FEEDBACK						
<u>LOGOUT</u>		C	FIG. 12	20		
		F	1G. 14	<b>2U</b>		

#### ALL PROJECTS

### 1300

### VIEW PROJECTS BY ESTIMATED START DATE [01]

SEQUENCE	NAME	REGION-BASIN	COUNTRY	STATUS	YOUR ROLE
1	YR2000 TENSLEEP PROJ	ROCKIES-BIG HORN	UNITED STATES	NEW	OWNER
2	SOUTH PASS 68	GOM-GULF COAST SALT DOME	UNITED STATES	NEW	OWNER
3	DWT 700	GOM-RIO GRANDE EMBAYMENT	UNITED STATES	NEW	OWNER
4	NAME YOUR PROJECT	GOM-GULF COAST SALT DOME	UNITED STATES	NEW	OWNER
5	TEST	GOM-RIO GRANDE EMBAYMENT	UNITED STATES	NEW	OWNER
6	FRED			NEW	OWNER
7	JTK PROJECT	ROCKIES-DENVER-JULESBURG	UNITED STATES	NEW	OWNER
8	NAME YOUR PROJECT			NEW	OWNER
9	JOHN'S PROJECT	ROCKIES-BIG HORN	UNITED STATES	NEW	OWNER

CREATE ONSHORE PROJECT | CREATE OFFSHORE PROJECT | 1304

1302

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**FIG.13** 

				_ 1400
WELLOGIX BID REQUEST SUMMARY	ALL PROJECTS LIST>NAME PLEASE UPDATE THE PRO			
ALL PROJECTS LIST PROFILE		JOHN'S PROJECT		
PROJECTS GO		DEMO OF SOFTWAR UNITED STATES	1	4
NAME YOUR PROJECT	REGION AND BASIN:		1	Image: section of the
GO PROJECT REQUEST	ESTIMATED START DATE: UNITS OF MEASURE:			
WELLS GO	NUMBER OF RIGS:	1		
DETAILS FIND A CONSULTANT GIVE US FEEDBACK LOGOUT	SAVE CANCEL	DELETE	RESET	

FIG.14A

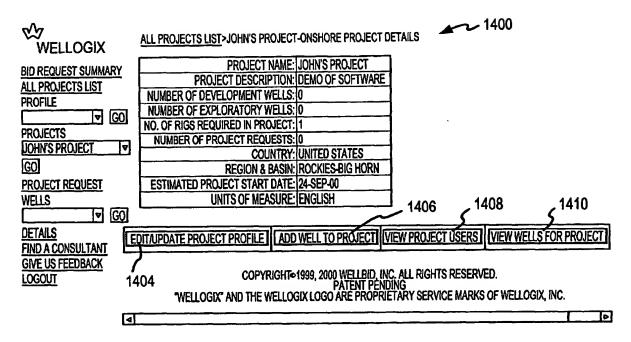


FIG.14B

₩	WELL NAME	NEW WELL		4440	П
WELLOGIX	WELL DESCRIPTION			1412	- 11
BID REQUEST SUMMARY	EST SPUD/START DATE				
ALL PROJECTS LIST	WELL API NUMBER				- 11
PROFILE GO	WELL TYPE	EXISTING -			11
PROJECTS	REGION/BASIN		4		
JOHN'S PROJECT	STATE/PROVINCE	♥			11
GO	COUNTRY				- 11
PROJECT REQUEST	FIELD NAME			<u>.</u>	- 11
WELLS			<del>-</del> 1		- 11
<b>□ □ □ □ □ □ □ □</b>	BLOCK		=		11
FIND A CONSULTANT ( GIVE US FEEDBACK 14	SURVEY		4		11
GIVE US FEEDBACK 14	13 ABSTRACT				
		FT	FT SEC	TOWNSHIP RANGE ELEVATION	JN,FT
	SURFACE HOLE LOCATION	FNL 🔻	TEL 🔻 🗌	NV EV	ᆜ║
	WELL LOCATION,M	ILES N	₹		
	OF (NEAREST TOW	INICITY)			
	SAVE C	ANCEL DELETE	RESET		₹

FIG.14C

<b>∜7</b> WELLOGIX	ALL PROJECTS LIST>JOHN	S PROJECT>NEW WELL2-WELL S	UMMARY 1414
BID REQUEST SUMMARY	PROJECT NAME	JOHN'S PROJECT	
ALL PROJECTS LIST	WELL NAME	NEW WELL2	
PROFILE	WELL DESCRIPTION	TEST	
▼ G0	EST SPUD/START DATE		
PROJECTS	WELL API NUMBER		
UOHN'S PROJECT ▼	WELL TYPE	EXISTING	
GO	REGION/BASIN	ROCKIES-DENVER-JULESBURG	
PROJECT REQUEST	COUNTY		
WELLS	STATE/PROVINCE	COLORADO	
NEW WELL2     GO	FIELD		
DETAILS	BLOCK		
HOLE SECTIONS	SURVEY		
	ABSTRACT		
GO	SURFACE HOLE LOCATION		
FIND A CONSULTANT	WELL LOCATION IS (MILES)	12N	
GIVE US FEEDBACK 1416	OF (NEAREST TOWN/CITY)	DENVER	
LOGOUT			
	EDIT/UPDATE WELL D	ETAIL VIEW BID REQUE	STS
1420	WELL DESCRIPTION/	HISTORY	

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FIG.14D

	1418
₩	HOLE SECTION DETAILS
WELLOGIX	PLEASE UPDATE THE HOLE SECTION DETAILS AND CLICK THE SAVE BUTTON.
BID REQUEST SUMMARY ALL PROJECTS LIST	NAME: CONDUCTOR
PROFILE	DESCRIPTION: TEST
▼ GO	HOLE DIAMETER, IN.: 10
PROJECTS  JOHN'S PROJECT	CASING DIAMETER,IN.: 15
GO	TOP MD,FT.: 100
PROJECT REQUEST	BOTTOM MD,FT.: 1000
WELLS	TOP TVD,FT.: 50
NEW WELL2 ▼ GO	BOTTOM TVD,FT.: 5000
DETAILS	
HOLE SECTIONS  ADD A NEW HOLE SECTION	SAVE CANCEL RESET
GO	COPYRIGHT 1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
FIND A CONSULTANT	COPYRIGHT 1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED. PATENT PENDING "WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC
GIVE US FEEDBACK LOGOUT	WELLOGIA AND THE WELLOOM EGGG THE THOU THE GETTING THE
<u> </u>	FIG.14E

	1422
☆	ALL PROJECTS LIST>JOHN'S PROJECT>NEW WELL2>WELL SUMMARY
WELLOGIX  BID REQUEST SUMMARY ALL PROJECTS LIST	WELL TYPE EXISTING   INVENTORY   GAS     BUILD & HOLD   CURRENT WELL SPACING?   360 ACRES
PROFILE GO PROJECTS	WELL STATUS INJECTING
JOHN'S PROJECT ▼	CURRENT PRODUCTION/INJECTION DATA
PROJECT REQUEST WELLS	DATE OF LAST OIL RATE, GAS RATE, WATER RATE, OIL API GAS, SG PRODUCTION BOPD GRAVITY GAS, SG
NEW WELL2 GO  DETAILS  HOLE SECTIONS	INITIAL PRODUCTION/INJECTION DATA
GO FIND A CONSULTANT GIVE US FEEDBACK	DATE OF INITIAL OIL RATE, GAS RATE, WATER RATE, OIL API GAS, SG PROD/INJ. GAS, SG
LOGOUT	WELLBORE MECHANICS
	CASING/TUBING WEIGHT GRADE THREADS TOP MD, BOTTOM TOP TVD, BOTTOM MD, FT TVD, FT
	ADD A LINE (IF NEEDED)
	PACKER(S) IN WELL? NO V NO. OF PACKERS 0 V
	PACKER TYPE PACKER DEPTH MD,FT PACKER DEPTH TVD,FT
	PERFORATION INTERVALS IN WELL  TOP MD, BOTTOM TOP TVD, BOTTOM SPF DATE FT MD, FT FT TVD, FT SPF PERFORATED REF LOG REF LOG DA
	FT MD, FT FT TVD, FT SPF PERFORATED REF LOG REF LOG DA

FIG.14F

	1424
₩	ALL PROJECTS LIST>YR2000 TENSLEEP PROJ>DS5-15>ONSHORE GEOLOGICAL PROGNOSIS
WELLOGIX	WELL NAME (DS5-15 REGION/BASIN ROCKIES-BIG HORN
BID REQUEST SUMMARY ALL PROJECTS LIST	STATE/PROVINCE WYOMING COUNTY GILLETTE
PROFILE GO	FIELD NAME HAMILTON DOME
PROJECTS  YR2000 TENSLEEP PROJ  ▼	REFERENCE DATUM (RD)   RKB   →   RD ABOVE GL OR MUDLINE,FT   54
GO PROJECT REQUEST	GROUND LEVEL (GL),FT 35 SS 54 TVD
WELLS	MUDLINE,FT SS TVD
DETAILS HOLE SECTIONS	BLOCK SURVEY ABSTRACT
GO e	FT FT SEC TOWNSHIP  RANGE   @SS,FT @TVD,FT
FIND A CONSULTANT GIVE US FEEDBACK	SURFACE HOLE LOCATION 3855 FS. TO 107 FEL TO 8 9 NO 20 ET 35 C-54  GEOLOGICAL TARGET 187 FNL TO 1067 FEL TO 5 9 NO 20 ET 2770
LOGOUT	HORIZONTAL SEC FILE FILE FELEVINO RED IN TO THE FELEVINO RED TO TH
	BOTTOM HOLE LOCATION 0 FNL     1284   FEL

FIG.14G

	1500
₩ELLOGIX	(REQUEST #4328) PRIMARY CEMENTING  REQUEST TYPE: CURRENT CONTRACT PRICING REPLY BY:
PROFILE  SERVICES PROVIDED SEARCH REQUESTS REQUEST INBOX  FIND A CONSULTANT GIVE US FEEDBACK LOGOUT	REQUESTED BY: ROBERT T DE JONG OFFICE PHONE: (303) 3003520-250  TITLE:  COMPANY NAME: COMPANY #1
	PROJECT NAME: PL PROJECT REGION & BASIN: ROCKIES-GREEN RIVER COUNTRY: JUSA
	WELL NAME: FEDERAL STATE 5-10-1 WELL DESCRIPTION: DRILL AND COMPLETE A DAKOTA PRODUCER EST SPUDSTART DATE: 01-NOV-2000 WELL API NUMBER: 51-23-23598-60 WELL TYPE: NEW
	REGION & BASIN: ROCKIES-BIG HORN COUNTRY: UNITED STATES STATE/PROVINCE: WYOMING COUNTY: EVANSTON, WYOMING FIELD: FEDERAL STATE FIELD
	BLCOK: SURVEY: ABSTRACT: SURFACE LOCATION: @3855' FNL,107' FEL,SEC 8,T9,R20,8500FT,UM WELL LOCATION IS: 56 MILES N
	OF (NEAREST/CITY): EVANSTON  COMMENTS IF YOU HAVE DEAS ON HOW WE CAN DO AWAY WITH A 2 STAGE JOB, I WILL BE WILLING TO ENTERTAIN THEM  CASING PROGRAM

FIG.15A

# 34/61

COMMENTS IF YOU HAVE IDEAS ON HOW WE CAN DO AWAY WITH A 2 STAGE JOB, I WILL BE WILLING TO ENTERTAIN THEM											
CASING PROGRAM								1			
HOLE SECTION	HOLE DIAMETER IN	CASING SIZE, IN	WEIGHT LB <sub>M</sub> /FT	GRADE	THREAD	S TOP MD,FT	BOTTOM MD,FT	LENGTH MD,FT	TOP, FF	BOTTOM TVD,FT	
CONDUCTOR	24	20	91.1	H-40	WELD	37	116	79	37	116	1
SURFACE	12.25	9.625	40	L-80	BTC	35	5219	5184	35	4554	]-
INTERMEDIATE	8.5	7	29	USS- 95	BTCMC	0 33	12183	12150	33	9854	١
PRODUCTION	6	4.5	12.6	L-80	BTC-MC	D 12033	13294	1261	9744	10729	1
			16.0	1-00						1	1
HOLE SECTIO			LENO	ni   T/	10 1	DOTTOU	LENC	ru Lui	in I	MACVALA	┨
HOLE DIAMETE In	R TOP MD,FT	BOTTOM MD.FT	LENG MD,FT	in It	)P /D,FT	BOTTOM TVD <sub>i</sub> FT	LENG TVD,F	Y 189		MAX MW, PPG	ł
24	37	116	79	37		116	79				1
HOLE SECTION	ALCUIDEAC	E									₹
HOLE DIAMETE		ROTTOM	LENG	TH TO	)P T	BOTTOM TVD,FT	LENG	гн Тмі	in I	MAX MW	1
N	R TOP MD,FT	BOTTOM MD,FT	LENG MD,FT	<u>,                                    </u>	)P /D,FT	TVD,FT	LENG	T TY	ID PE	MAX MW, PPG	4
12.25	116	5219	5103	11	6	4554	4438	SF		9.8	
									)		1
GEOLOGICAL ISSUES WITHIN HOLE SECTION									1		
H2S IN HO	LE SECTIO	N CON	CENTRAT	TION, PPI	MIN D	EPTH OF	H25 MD,F1				1
4											
PENETRATE	SALT IN HO TION	OLE TOP	OF SALT MD,F	SECTION	i j TH	CKNESS ( ECTION N	OF SALT	SALT SE	CTION	FLOWING	
		<del></del>	IND,F	<u> </u>	+-	ECHON	NV.FI	<u> </u>			ŀ
GAS MIGRATI	ON PROBLE	MS TOP	VE CAS 70	ONE MD,F1	DDE	SSURE@D	EDTH DCI	DESIRI	IN TEC	HNIQUE	12/4
	CTED	1010	N OND EC	ALL MU,I	TIVE	OU OUTED	LI II4FOI	DEGRA		BUQUE	
		DEDTU	YE EDAY (	DADIENT	AV AMAI	RAC GRAI	NEAT (2)	DEPTH OF	FRAC	GRADIENT	
MIN FRAC GR	ADIENT(1),	PEDCLIN	MD,FT	PIONULINI	I MIN	PPG	иши (2),		2) MD,F	T	
								<u> </u>			
ACT OT ACE			<u> </u>								7
1ST STAGE	FULCUEA	n1 07 1 0F	I A I SUI DA	050 AF	PI LIGI IP	711.071.0	E 7743				1
NUMBER OF	FLUSHES	IN STAGE	III NUM	BER OF I	LUSHE	SINSTAG	E 1[1]				l
FLUSH/SPAC	ERS	NAME	VOLUME	BBLI DE	NSITY,F	PG					ł
PREFLUSH	FRES	H WATER	300		8.3						l
CEMENT SLU	DOVNOL		-					-			ı
		AIL 1			TYPE	LIQUID					ı
TOP OF SLURI	RY MD.FT B	OTTOMOFS	LURRY	TOP OF S	LURRY	<u>BOTTOM O</u>	FSLURRY				-
0		MD,FT 5219			-	1VD 459					11
OH EXC	ESS	CHEXCE	ss	MAX DE	VSITY.	DESIR	ED FL	BHS	T E	BHCT,	
REQUIR	ED,%	REQUIRE		PPG		CC/38	MINE			↓Ē.	
12-HR CC	16/10	0 0	10	12.4		Set Tul			IO SITION	-	1
STRENG	TH,PSI	24-HR COL STRENGT	vir II H.PSI IF	JLT STRE	וטאב		CKENING E.HR		MIN		
150		2500		2600		4				J	1
DULUDING D	יייייייייייייייייייייייייייייייייייייי	אודה בסח ייי	110 OT4 0	\F						<u> </u>	1
PUMPING REMAX SLURRY					DATE DO	MINAY CO	IDDV DIGDI	ACCLICAT	DATE	DA I	I
INITAL OLUMA	25	LOFM MAY	GLUNN	25	INTER	HIJIDAN OF	25		IVIL	- 60	L

FIG.15B

COMPUTER MON				F UNITS	<b>'</b>			-
SPECIAL PERSON								
COMMENTS FO								
COMMITTEE	KIIIIII	OLL GLOTIO						
HOLE SECTION			LICHOTH	TOD	DOTTOM	LENOTU	Laur	MAVEMI
HOLE DIAMETER In	MD,FT	BOTTOM MD,FT	LENGTH MD,FT	TOP TVD,FT	BOTTOM TVD,FT	LENGTH TVD,FT	MUD TYPE	MAX MW, PPG
8.5	5219	12183	6964	4554	9854	5300	KCL POLYMER	10
HOLE SECTION	PRODUC	TION						
HOLE DIAMETER	TOP MD.FT	BOTTOM MD.FT	LENGTH MD,FT	TOP TVD,FT	BOTTOM TVD,FT	LENGTH TVD,FT	MUP	MAX MW, PPG
6	12183	13294	1111	9854	10729	875	KCL POLYMER	12.4
STANDBY PUN COMPUTER MON ADDITIVE SPECIAL PERSON	ITORING E S IN LIQU	QUIPMENT   E		OF UNITS				
			N				_	
COMMENTS FO	TOP	BOTTOM MD,FT	LENGTH	TOP TVD,FT	BOTTOM TVD,FT	LENGTH TVD,FT	MYPE	MAX MW, PPG
COMMENTS FOR HOLE SECTION HOLE DIAMETER	MD,FT	12183	MD,FT 6964	4554	9854	5300	KCL POLYMER	10
HOLE SECTION HOLE DIAMETER IN			1	<u> </u>			TEOFIMEN	
HOLE SECTION HOLE DIAMETER IN 8.5	5219	7704						
HOLE SECTION HOLE DIAMETER IN	5219 :PRODUC	ВОТТОМ	LENGTH	TOP_	BOTTOM	LENGTH	MUD	MAX MW,
HOLE SECTION HOLE DIAMETER IN 8.5	5219 :PRODUC		LENGTH MD,FT	TOP TVD,FT 9854	BOTTOM TVD,FT 10729	LENGTH TVD,FT 875	MUD TYPE KCL POLYMER	MAX MW, PPG 12.4

FIG.15C

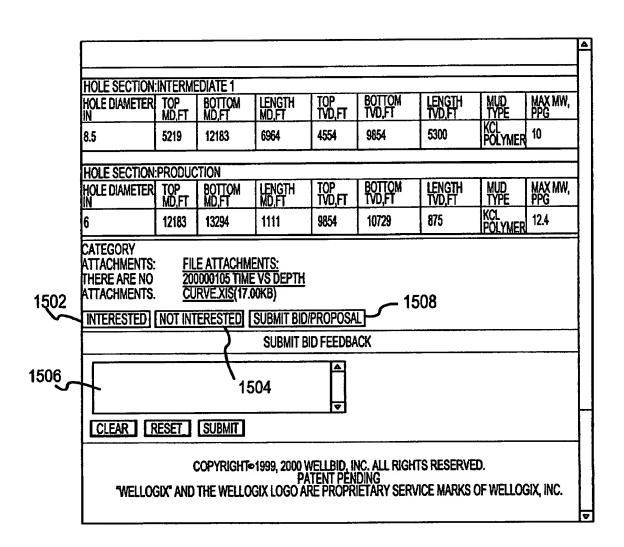


FIG.15D

					- 1510
₩ELLOGIX	(REQUEST #4328)-PRIMARY ( BID PRICING				4
	CURRENCY TYPE	US DOLLARS	<b>v</b>		} }
PROFILE	MOBILIZATION				1
▼ GO	SETUP	0			
SERVICES PROVIDED	THIRD PART COST,ETC.	0			1
SEARCH REQUESTS	SERVICES AS REQUESTED	0			ļ
<u>REQUEST INBOX</u>	TOTAL	0			1
FIND A CONSULTANT	OFFER GOOD UNTIL		(E.G. 01-JUL-2000		
GIVE US FEEDBACK	TERMS				j
LOGOUT	REQUEST FOR	CURRENT CO	INTRACT PRICING		1
	COMMENTS				1
				V	
	SAVE SUBMIT RESPONSE	CANCEL	RESET		ł
	IN ORDER TO VIEW DETAIL	ED BID PRICIN	G, PLEASE SAVE TH	IIS PAGE FIRST	
"WELLOG	COPYRIGHT 1999, 200 X' AND THE WELLOGIX LOGO	00 WELLBID, IN PATENT PENI ) ARE PROPRI	C. ALL RIGHTS RES DING FTARY SERVICE MA	ERVED. .RKS OF WELLOGIX. INC	
17000	A THE THE THEE CONTENTS				. IA

FIG.15E

		1510مهم
₩ELLOGIX	REQUEST #4328)-PRIMARY CEMENTING BID PRICING	<u>A</u>
PROFILE	CURRENCY TYPE US DOLLARS	
	MOBILIZATION,\$ 5000	
▼ GO	SETUP,\$ 2000	
SERVICES PROVIDED	THIRD PARTY COST, ETC.,\$ 2000	
SEARCH REQUESTS	SERVICES AS REQUESTED,\$ 35000	
<u>REQUEST INBOX</u>	TOTAL,\$ 44000	
FIND A CONSULTANT	OFFER GOOD UNTIL 01-OCT-2000 (E.G. 0	1-JUL-2000
GIVE US FEEDBACK	TERMS 30 DAYS NET	
LOGOUT	REQUEST FOR CURRENT CONTRAC	CT PRICING
	COMMENTS	
1514	NONE	▼
7	SAVE) SUBMIT RESPONSE) [CANCEL] [RESET] VIEW DETAILED BID PRICING	
1512	ATTACHMENTS	
	ATTACH A FILE: BROWSE AL	D ATTACHMENT

FIG.15F

# *38/61*

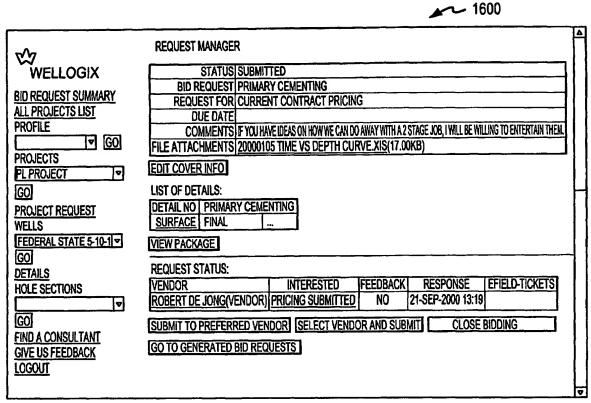
							<b>*</b>	ノ 15	16		
	PRIMARY CEME	NTING-C	OMMERCIA	L RESPO	NSE						
۸	HOLE SECTION										
₩ELLOGIX	HOLE DIAMETER	TOP MD,FT	BOTTOM MD.FT	LENGTH MD,FT	1   ]	op VD,FT	BOTTOM TVD,FT	LENG TVD,F	TH	MUD TYPE	MAX MW, PPG
PROFILE	12.25	116	5219	5103		16	4554	4438		SPUD MUD	9.8
o GO	RELEVANT CAS										
SERVICES PROVIDED SEARCH REQUESTS	HOLE SECTION	OLE AMETER	CASING SIZE, IN	WEIGHT LB <sub>M</sub> /FT	GRADE	THREA	DS TOP MD,FT	BOTTOM MD,FT	LENGT MD,FT	H K	BOTTOM TVD,FT
REQUEST INBOX	CONDUCTOR 24		20	91.1	H-40	WELD	37	116	79	37	116
	SURFACE 12	2.25	9.625	40	L-80	BTC	35	5219	5184	35	4554
FIND A CONSULTANT	GEOLOGICAL IS	SSUES W	THIN HOLE	SECTION							
GIVE US FEEDBACK LOGOUT	H2S IN HOLE	SECTIO	N CON	CENTRATI	ON,PPN	MINI	DEPTH OF	H25 MD,F			
100001	PENETRATE S		NE TOD	OF SALTS	ECTION	N TL	ICKNESS (	NE CALT		<del></del>	
	SECT	ION	LEI TOP	MD.FT		11	SECTION A	ID.FT	SALT S	SECTION	FLOWING
	O LO LUCOLITICI		VO.			-					
	GAS MIGRATION EXPECT		MS TOP C	F GAS ZON	VE MD,F	T PR	ESSURE@D	EPTH,PSI	DES	IRED TEC	HNIQUE
			DECTIV	NE 17040 05	ABIPAT	74 LUN	FRAN ARA	NEATE (A)	DEDTU	OE EDAC	GRADIENT
	MIN FRAC GRAI	DIENT(1),P	PGDEPIHO	H PRACIGI MD,FT	KADIENI	(1) MIN	FRAC GRAI	JIENI (2),	DEPIN	(2) MD,I	T
	Caracian										·
	1ST STAGE										
	FLUSH/SPACE		NAME	VOLUME,	BBL DI	ENSITY,	PPG				
	PREFLUSH		H WATER	300		8.3					
	FLUSH COMM	ents	<del></del>								
	<b>  </b>										
								回			
	CEMENT SLUF	DOV NO 1	TAH 4		- 1	TVP	E LUQUID	<b>-</b>			
	RECIPE DESC		TAC I				E   LICCOID	<b>1</b>			
	TOP OF SLURI		BOTTOM C	F SLURRY	MD,FT	VOI	UME,BBL	-			
	0			5219							
	MAX DENSIT		DESIRED	FL,CC/38	MINS	TRANSI	TON TIME, N	IN			
	12.4			50			DUCTE	41			
	EST THICKENIN	G TIME, MI	1	BHST,F 110			BHCT,F	-11			
	OTACE 4 OCH	UELEVA		7,10							
	STAGE 1 COM	MENIS					<del></del>	回			
	111							1 111			
	<del></del>										

FIG.15G

		_
TOTAL FLUSH/SPACER COST, \$		•
TOTAL FLUSH/SPACER VOLUME, BBL		
TOTAL FLUSH/SPACER UNIT COST, \$/BBL	- <del> </del> 1	_
TOTAL SLURRIES COST,\$		
TOTAL SLURRIES VOLUME, BBL	0	
TOTAL SLURRIES UNIT COST,\$BBL		
PUMPING & MIXING EQUIPMENT COST,\$		
TECH SUPPORT COST,\$		
TECH MONITORING COST,\$		
TRANSPORTATION COST,\$		
HANDLING COST,\$		
OTHER,\$		l
ESTIMATED JOB HOURS		ı
STAND BY HOURLY RATE,\$HR		<b>₹</b>
	<del></del>	A
PUMPING & MIXING EQUIPMENT COST,\$	<del>1</del>	ı
TECH SUPPORT COST,\$		i
TECH MONITORING COST,\$	T	l
TRANSPORTATION COST,\$		ı
HANDLING COST,\$	<del>                                      </del>	ı
OTHER,\$	<u> </u>	l
ESTIMATED JOB HOURS		_
STAND BY HOURLY RATE,\$HR	· <u>}                                    </u>	
TOTAL HOLE SECTION COST,\$	1	
TOTAL VOLUME (SLURRIES ONLY), BBL		
TOTAL HOLE SECTION UNIT COST, \$BBL		
	<u>'                                    </u>	
STATUS NOT YET SAVED		
SAVE DRAFT SAVE FINAL RESET		
GO TO BASIC BID PRICING		
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"WELLOGIX" AND THE WELLOGIX LOGO	ÁŘĚ PŘÓPŘIĚTÁRY SERVICE MARKS OF WELLOGIX, INC.	F

FIG.15H

#### 40/61



### FIG.16A

₩ELLOGIX	(REQUEST #4328) PRIMARY ( FROM ROBERT DE JONG(VEI BID PRICING	CEMENTING NDER)	
BID REQUEST SUMMARY	CURRENCY TYPE		
ALL PROJECTS LIST	MOBILIZATION,\$	5000	
PROFILE	SETUP,\$	2000	
<b>                   </b>	THIRD PARTY COST, ETC.,\$	2000	
PROJECTS	SERVICES AS REQUESTED,\$	35000	
PL PROJECT 🔻	TOTAL,\$	44000	
GO	OFFER GOOD UNTIL	01-OCT-2000	
PROJECT REQUEST	TERMS	30 DAYS NET	
WELLS	REQUEST FOR	CURRENT CONTRACT PRICING	
FEDERAL STATE 5-10-1	COMMENTS		
DETAILS	NONE		}
HOLE SECTIONS	VIEW DETAILED BID PRICING		
	BACK AWARD	<b>—</b> 1602	}
GO SANDER FALSE	ATTACHMENTS		į
FIND A CONSULTANT GIVE US FEEDBACK	NO FILES ATTACHED		
LOGOUT	COPYRIGHT-199	9, 2000 WELLBID, INC. ALL RIGHTS	RESERVED.
WE	LLOGIX" AND THE WELLOGIX	9, 2000 WELLBID, INC. ALL RIGHTS PATENT PENDING LOGO ARE PROPRIETARY SERVIC	E MARKS OF WELLOGIX, INC.
	TOOL TELOUIT		

FIG.16B

**FIG. 16C** 

Stimulation > <b>D</b>	Stimulation > Detailed Feedback		W WELLOGIX
	Application Home	ı <u>me</u> <u>MyWellogix</u>	Logout
	Original	Feedback	Link to Product Info?
Required Stimulation Program	Acid Job	Hydraulic Fracturing	http://www.oilprod.com
No. of Stages Reguired	2	4	1622 ⊞
	Well is completed to produce from the "B" sands. The "B" reservoir is a tight rock formation. As a result, the well needs to be stimulated.		r
Purpose of Stimulation Well/ Comments?	Successful stimulation jobs for this area have typically included the following operations:		110
	Acid/Perf Breakdown/Flowback		
	Hydraulic Fracturing		
Comments	This well was recently drilled and completed; the well is already perfed, but needs an acid/perf breakdown job followed by two stage frac job.		

1620~

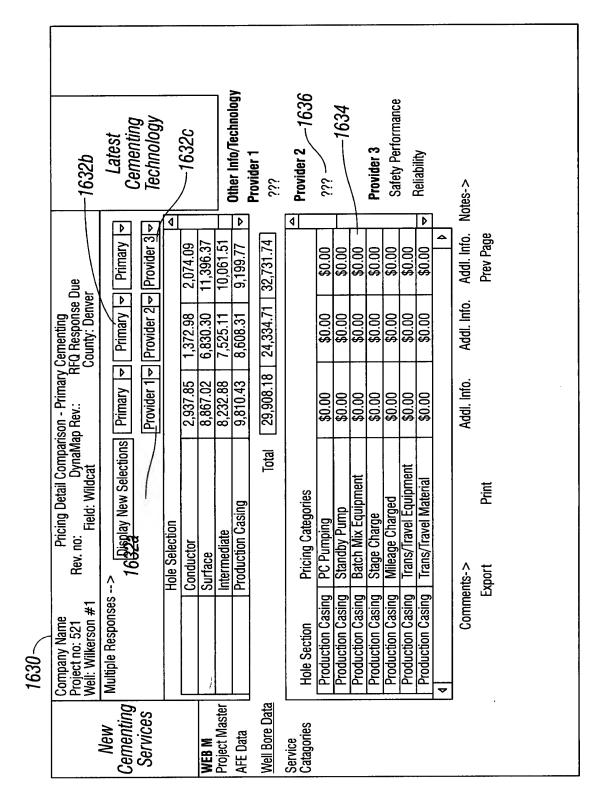


FIG. 16D

Stimulation >	Stimulation > Detailed Feedback	K	8	WELLOGIX
		Application Home MyWellogix		Logout
		1642a	1642b	
01	Original	Feedback	Link to   Product   Tedback   Teles   Info?   Product   Teles   Tele	4
Required Stimulation Program	Acid Job	Hydraulic Fracturing (⊕	Acid/Perf Breakdown     Acid/Perf Breakdown	<b>♦</b>
No. of Stages Required	2	1 (44a	<b>⊞</b> 1 ♦	1644b
Well is contouced the "B" san The "B" response of Stimulation Well/ Successful Stimulation for this are typically in the following perations:  Acid/Perf Breakdown	Well is completed to produce from the "B" sands. The "B" reservoir is a tight rock formation. As a result, the well needs to be stimulated. Successful stimulation jobs for this area have typically included the following operations: Acid/Perf Breakdown/Flowback		<b>H</b>	

FIG. 16E

[	4												Þ	$\Box$
	1646b			۵	Þ	<b>b</b>						Rubber 🗢	<b>•</b>	4
		ঘ	8	No	No	Yes	2	175	.25	1.2	250	2	No	
		<b>±</b>	æ	Ħ	Ħ	Ħ	Œ	æ	Ħ	Œ	⊞	⊞	æ	
	1646a			<b>D</b>		<b>A</b>						<u>61                                    </u>	<b>A</b>	
t				N N	No	No	3	185	3	1.1	270	Rubber	No	
1640 Cont. ~	following is what has worked best in the past	HCL	2	No	No	Yes	2	180	.25	1.2	. 550	Rubber	Yes	
		<u>Desired</u> Fluid Type?	Desired Concentration?	Surfactant Required	Non- Stimulator Required?	Iron Control Required	Inhibition Duration, Hr	Inhibition Temperature, Deg f	<u>Diameter of</u> <u>Balls, in</u>	Density of Balls, SG	Number of Balls Required	Ball Type	Selective Injection	₽

FIG. 16F

Application Home MyWellogix Preview Request Package Evaluator Generated RequestPackages  Attachment sele  Casing Summary Tubing Summary Wellhead Summa  Wellhead Summa  Save Selecti Save Selecti Save Selecti Save Selecti  Interested Response Efield Tickets Reconciliator Jub Awarded Yes 02-JAN-2001 08:39 View View						•		
Modified   Preview Request Package   Evaluator   Generated RequestPackages   Attachment self	Request Packag	je Manager		i			W WELLO	OGIX
Stimulation    Proposal   Proposal		Edit Cover Info	Preview R	plication Ho uest Packag	e MyWellogix Evaluator	Generated Reque		Logout
Stimulation  Stimulation  Interested by a two stage frac job. This well was recently drilled and completed, the well is already perfed, but needs an acid/perf breakdown job follogix Service Provider - Prod) Job Awarded Yes 02-JAN-2001 08:39 View View Service Provider - Prod) Job Awarded Yes 02-JAN-2001 08:39 View View Service Provider - Prod) Job Awarded Yes 02-JAN-2001 08:39 View View View Service Provider - Prod) Job Awarded Yes 02-JAN-2001 08:39 View View View Service Provider - Prod) Job Awarded Yes 02-JAN-2001 08:39 View View View View View View Service Provider - Prod) Job Awarded Yes 02-JAN-2001 08:39 View View View View View View View View	Cover Info:						Attachment sele	ctions:
Stimulation   Tubing Summary   Proposal	Statı	$\vdash$					Casing Summary	D
Proposal   Wellhead Summary   Interested   Interested	Service Lii						Tuhing Summary	
the Aug-2000 Standarded by a two stage frac job. This well has not been completed with tubing.    No File Attached   Save Selections	Request L						Inding Juliany	
ts:    No File Attached   Stimulation	Due Da	<u> </u>					Wellnead Summar	<b>3</b>
ts: Stimulation Final ellogix Service Provider Service Provider Service Provider Service Provider	Commen	Its					Save Selection	Suc
Stimulation Final Final Filogix Service Provider Foliogix Service Provider Service Provider Service Provider	File Attachmen	$\vdash$						
Stimulation  Tinal  Vice Provider  ellogix Service Provider  ellogix Service Provider  Service Provider	Service Reque	sts:						
inal  vice Provider ellogix Service Provider ellogix Service Provider Service Provider	Detail No.	Stimulation		•				
Vice ProviderVice ProviderInterestedFeedbackResponseeField Ticketsellogix Service Provider - Prod)Job AwardedYes02-JAN-2001 08:39Viewellogix Service Provider - Prod)Job AwardedAlternate02-JAN-2001 08:39ViewService Provider - Prod)Job AwardedYes02-JAN-2001 08:39View	259		is well was recently lowed by a two stat	/ drilled and c ge frac job.  T	ompleted, the well is This well has not beer	already perfed, but 1 completed with tut	needs an acid/perf breakdown job ing.	
Feedback         Response         eField Tickets           Yes         02-JAN-2001 08:39         View           Alternate         02-JAN-2001 08:39         View           Yes         02-JAN-2001 08:39         View	Request Status	.s.	1654					
Yes         02-JAN-2001 08:39         View           Alternate         02-JAN-2001 08:39         View           Yes         02-JAN-2001 08:39         View	vi	ervice Provider	Interested	Feedback	Response	eField Tickets	Reconciliator	
Job Awarded         Alternate         02-JAN-2001 08:39         View           Job Awarded         Yes         02-JAN-2001 08:39         View	Christian Carrol (	Wellogix Service Provider - P	rod) Job Awarded	Xes Ves	02-JAN-2001 08:39	View	View	
Job Awarded Yes 02-JAN-2001 08:39 View	Christian Carrol (	Wellogix Service Provider - P		Alternate	02-JAN-2001 08:39	View	View	
	John Doe (Wellog	gix Service Provider - Prod)	Job Awarded	<u>Yes</u>	02-JAN-2001 08:39	View	View	
<u>Yes</u>   02-JAN-2001 08:39   <u>View</u>	James Smith (We	ellogix Service Provider - Pro	d) Job Awarded	Xes	02-JAN-2001 08:39	View	View	

FIG. 16G

FIG. 16H

Stimulation Re	Stimulation Request > Detailed Feedback	Feedback			WEI I OGIX	4
		Application Home	MyWellogix		Logout	
		1656a			1656b	Ι
O	Original	Feedback	-×1	Link to Product Info?	Feedback 11214 △	
Required Stimulation Program	Acid Job	Hydraulic Fracturing	₫₽	⊞	Acid/Perf Breakdown (♦	
No. of Stages Required	2	<b>♦</b>		⊞		
Well is contouce the "B" san The "B" res is a tight ro formation. result, the vneeds to by stimulation Well/ Comments?  Stimulation Well/ Stimulation for this are the followire operations:  Acid/Perf Breakdowr	Well is completed to produce from the "B" sands. The "B" reservoir is a tight rock formation. As a result, the well needs to be stimulated. Successful stimulation jobs for this area have typically included the following operations: Acid/Perf Breakdown/Flowback		410	<b>⊞</b>		[D

4	WELLOGIX	Logont																	
		lome 1662b	Wellogix Service Provider	\$159780	\$7200	\$1600	\$22500	\$93480	\$45200 Scenario Planning	Oty. Units of Unit Back Disc. % Amnt Measure Price Price Disc. % Amnt	<u>.                                    </u>	15 EACH 1500 22500 20 18000	0.21 0.001	0\$	\$10000	0\$	0\$	159720	<u>Details</u>
	d Comparator	Application Home	Wellogix Service Provider	\$155410.56		\$ 0\$	<b>3   3   1   3   1   3   1   3   1   3   1   1</b>	.56 —1664	Scenario Planning	Oty. Units of Unit Back Disc. M Amnt C	0 EACH 15 30000 20 24000	1500 22500 20 18000	omments	98	\$9940	\$ 0\$	1\$ 0\$	155410.56	<u>Details</u>
	Stimulation Request > Bid Comp	1662a-	Service Request	4236 二固 3	Delivery Charges 🗆 🖻 💲	Setup Charges 🗆 🖻 💲	Service Charges	Product Charges □ 🗇 💲	Equipment Charges	Item # Desc.	Pumping charges	ŧ		Third Party Charges 🗀 🖻	Taxes And Fees 🗀 🖭	4271 🗀 🗇	4278 🗀 🗇	Pricing _ [2]	View Details

FIG. 161

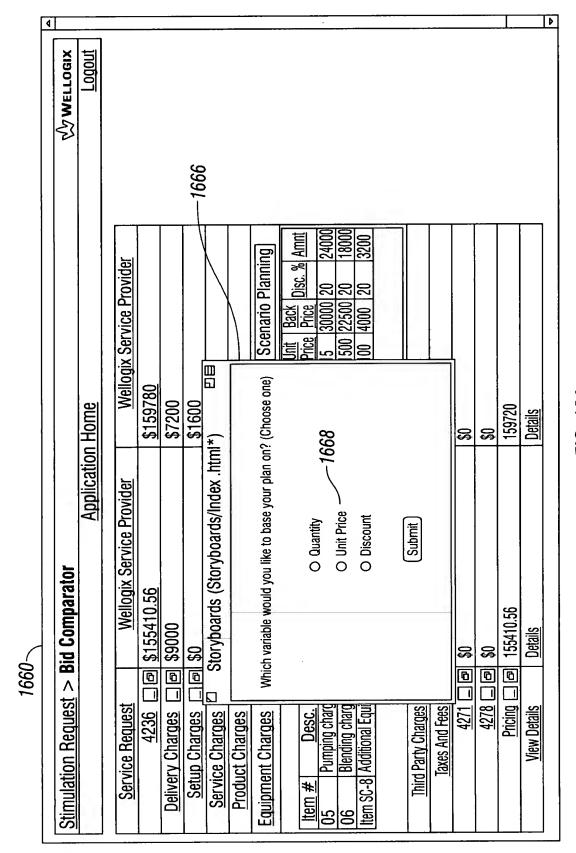


FIG. 16J

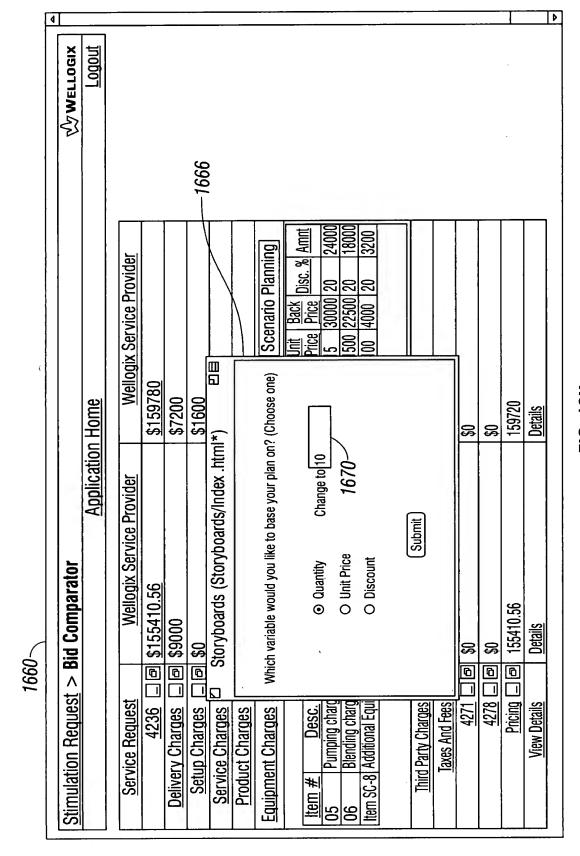


FIG. 16K

Wellogix Service Provider   Wellogix Service Provider   Service   Serv	
\$155410.56 \$9000 \$0 \$155410.56 \$9000 \$0 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$150000 \$1500000 \$15000000 \$150000000000	ation Home
\$155410.56 \$9000 \$0 \$1600 \$1600 \$1600 \$1600 \$1600 \$1600 \$22500 \$22500 \$2360 \$22500 \$2360 \$1600 \$245200 \$2000 EACH 15 30000 20 24000 2000 EACH 15 30000 20 24000 2000 EACH 15 30000 20 24000 2000 EACH 1500 22500 20 18000 20 24000 2000 EACH 1500 22500 20 18000 20 24000 2000 EACH 1500 22500 20 18000 2000 EACH 1500 22500 2000 EACH 1500 EACH 1500 2000 EACH 1500 EACH 1500 EACH 1500 EACH 1500 EACH 1500	Wellogix Service Provider
\$0 \$1600 \$1600 \$7200 \$1600 \$22500 \$78470.56 \$22500 \$22500 \$23480 \$22500 \$23480 \$2360 \$100	\$159780
\$1600 \$1600 \$78470.56 \$78470.56 \$22500 \$22500 \$278470.56 \$22500 \$2360 \$100   Back   Disc. %   Armit   Oth.   Units of   U	\$7200
\$78470.56 \$93480 42360 Scenario Planning \$45200  [Other Measure Price Pr	\$1600
\$78470.56  42360	\$22500
42360         Scenario Planning         \$45200           Qty.         Units of Measure Price	\$93480
Massure   Price   Price   Disc. % Amnt   Amnt   Desc.	
Pumping charges   2000 EACH   15   30000   20   24000   2000 EACH   15   30000   20   18000   15   EACH   1500   1500   15000   15   EACH   1500   1500   1500   1500   1500   1500   1500   1500   1500   1500   1500   1500   1500   150000   1500000   150000   150000   150000   150000   150000   150000   1500000   150000   150000   150000   150000   150000   150000   1500000   150000   150000   1500000   1500000   1500000   1500000   1500000   1500000   1500000   1500000   1500000   1500000   15000000   15000000   150000000   150000000000	Oty Units of Unit Measure Price
Blending charges   15   EACH   1500   22500   20   18000   15   EACH   1500	2000 EACH 15
4   DAY   100   400   0   360   4   DAY   100	30 15 EACH 1500 22500 20
Comments         1672a         Comments           \$0         \$0           \$9940         \$10000           \$0         \$0	4 DAY 100
\$0 \$9940 \$0	Comments
\$9940	0\$
0\$	\$10000
***	0\$
42/8 = 129   \$0	0\$
Pricing [_] [3] 155410.56	159720
View Details Details	Details

FIG. 16L

1660

-0-	ALL PROJECTS CALENDAR	LIST>YR2000 TEI	NSLEEP PROJ>AI	T MEITS BA 256	DISTART DATE-			^
√⁄7 WELLOGIX	PROJECT NAME	E:YR2000 TENSLE	EP PROJ					l
	VIEW THIS PRO	NECT-LEVEL BID	REQUESTS CALE	NDAR 01				
				AUGUST 2000				l
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
			01 > <u>DS5-15</u> > <u>DS5-1</u>	02	03	04	05	
	06	07	08	09	10	11	12	
	06 13	14	15 >ST 384 #1-1	16	17	18	19	
	20	21	22	23	24	25	26	H
	20 27	28	29	30	31			1
				SEPTEMBER 200				
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	H
						01 >DS5-16	02	H
	03	04	05	06	07	08	09	l
	10	11	12	13	14	15	16	Į
	17	18	19	20	21 28	22 29	23 30	II
	24	25	26	121	120	129	130	1
				OCTOBER 2000				,
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY 06	SATURDAY	ł
	01   > <u>DS5-17</u>   >DS5- <u>17-1</u>	02	03	04	05	JV0	07	
	08	09	10	11	12	13	14	II
	15	16	117	18	19	20	21	11

FIG.17A

FRIDAY

21

28

THURSDAY

06 13

27

SATURDAY

15 ><u>Casing(1</u> submitted,1 <u>responded)</u>

01

08

22

29

ALL PROJECTS LIST>YR2000 TENSLEEP PROJ>ALL BID REQUESTS BY DUE DATE-CALENDAR WELLOGIX **BID REQUEST SUMMARY** PROJECT NAME:YR2000 TENSLEEP PROJ ALL PROJECTS LIST VIEW PROJECT'S WELLS BY SPUD/START DATE 01 PROFILE ₹ GO **JULY 2000 PROJECTS** WEDNESDAY SUNDAY MONDAY TUESDAY YR2000 TENSLEEP PROJ 05 12 02 09 03 10 GO PROJECT REQUEST WELLS ▼ (GO) **FIND A CONSULTANT** 16 23 30 18 25 19 GIVE US FEEDBACK 26 24 31 LOGOUT

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> PATENT PENDING
> "WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.17B

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	O9<2 <sup>3</sup>   ◆			DELETE								J 11:20
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		20-SEP-2000		BID BEQUEST REGION & TYPE		ASING	PILLING	CEMENTING	CASING ACCESORIES	DRILL BITS	I	24
					26-APR- 31-MAY- CASING 2000	26-APR-31-MAY- 2000 2000	15-MAY- 2000	26-APR-15-JUN- 2000 2000	94-JUN- 2000	26-APR-105-MAY-		
					26-APR- 2000	26-APR- 2000	26-APR-	264PR- 2000	28-APR-02	26.4PR- 2000		080
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	<b>₽</b>	<b>E</b>	T025	BD API# DATE	3725	3726	3727	3728	3729	33		1500(
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ORER	DEAVORITE:	VELLBID, JOI	)X Ailable43 e	EEDBACK STATUS	YES	YES	XE)	SŽ.	瓿	YES		EMELBID.COM-MICROS.   FIWELLBID PRINTS, DOC-MICROSO
TERNET EXPL TOOLS HELP	I @SEARCHE Did.com/pubwel	WELCOME TO WELLBID, JOHN DOE(WELLBID VENDOR SERVICES)	REQUEST IN-BOX 3 NEW BIDS AVAILABLE 43 BIDS TOTAL ROWS FROM 1 TO 25 ALL	INTERESTED	뗈	YES***	YES***	迎	YES##	#SI		2
6) WELLBID, INCANICROSOFT INTERNET EXPLORER I FILE EDIT VIEW FAVORITES TOOLS HELP	◆ BACK▼ ➡ ▼ ⓒ B 쇼 I @ SEARCHID FAVORITES OHISTORY I Q ♥ 면 호 ♥ IN ADRESS I FINITIVIAWM Wellbid compubmilibidicusion process center.userlogin	- A	VELLOGIX IE B	SERVICES PROVIDED	REQUEST INBOX	FIND A CONSULTANT	TOBOLI TERRANA					ESTARTION OF BLOOM

FIG. 18

- 1900

### *54/61*

# (Request #4136) Primary Cementing

Request Type:	Bid
Reply By:	01-SEP-00

Request By:	Robert T. da Jong	Office Phone:	(303) 3003520-250
Title:		Fax:	unknown
Company Name:	company #1	E-Mail:	dejong@wellbid.com
Mailing Address:	4155 E. Jewell Av Suite 300 Denver CO 80222	Region & Basin:	Canada - Alberta Canada - British Columbia Canada - Eastern Canadian Offshore Canada - Far North Canada - Saskatchawan GOM - Apalachicola GOM - Gulf Coast Salt Dome GOM - Rio Grande Embayment Gulf States - Black Warrior Gulf States - Beast Texas Gulf States - Central Texas Gulf States - North Louisiana Gulf States - Permian Gulf States - Permian Gulf States - South Louisiana Gulf States - South Texas Mid-Con - Anadarko Mid-Con - Anadarko Mid-Con - Dalhart Mid-Con - Hugoton Mid-Con - Hugoton Mid-Con - Kansas/Nebraska Northeastern - Michigan Pacific - Cook Inlet Pacific - Sacremento Pacific - Sacremento Pacific - San Joaquin Rockies - Big Horn Rockies - Big Horn Rockies - Benver-Julesburg Rockies - Paradox Rockies - Paradox Rockies - Powder River Rockies - Paradox Rockies - Powder River Rockies - Paradox Rockies - Powder River Rockies - Paradox Rockies - San Juan Rockies - Uinta Rockies - Williston

Project Name:	CKH Test II
Region & Basin:	Rockies - Big Horn
Country:	USA

		_
Well Name:	DS18-17	
Well Description:	Test as of 8-13-00	
Est Spud/Start Date:	01-SEP-2000	-1002
Well API Number:		
Well Type:	NEW	
Region & Basin:	Rockies - Big Horn	
Country:	United States	
State/Province:	Wyoming	
County:	Gillette	
Field:	Bull Field	
Block:		
Survey:		

Max Slurry Displacement Rate, bpm							View eField Ticket	Submit Bid Feedback		
urry Pumping Rate, bpm	ice Needs for Hole Section	Alixer Size No. of Units		nts	[B]	File Attachments: No File Attached	Submit Bid Proposal	Submit Bi	4	<b>D</b>
Pumping Requirements for this Stage Max Slurry Mixing Rate, bpm   Max Slu	Miscellaneous Equipment/Service Needs for Hole Section	Batch Mixer Standby Pumping Equipment	Computer Monitoring Equipment Additives in Liquid Form	Special Personnel Requirements	Comments for this Hole Section	Category Attachments: There are no attachments	Interested Not Interested			Clear Reset Submit

FIG. 19B

Primary Cementing - eField - Tlckets

Hole Selection	Total Cost w/3rd Party Incl, \$ Vendor Status Operator Status	Vendor Status	Operator Status	1908
Hole Selection: Surface	16500.00	16500.00 SUBMITTED	APPROVED	3
Hole Selection: Production	00:00			
Hole Selection: Conductor	0.00			

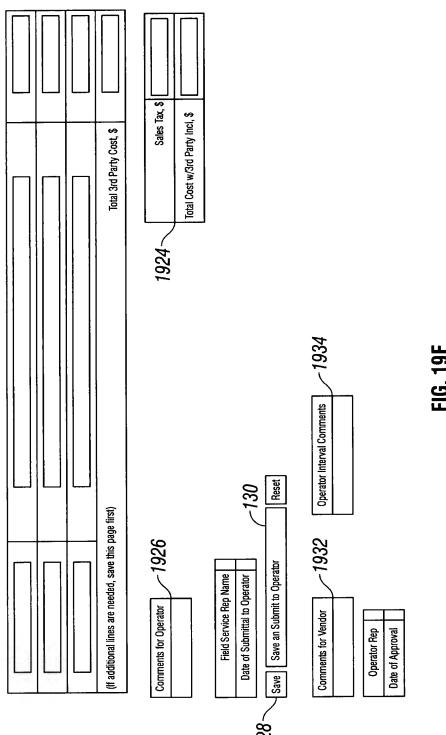
Create eField-Ticket 1910

FIG. 19C

							1316		
Primary C	Primary Cementing - eField-Ticket	ket							
Vell Name	DS18-17		Accounting System Project #	System Pro	ect #				
ield Name	Bull Field		Proje	Project Mgt. System #					
roject Name	CKH Test II			GL Account #	unt # 1914	4			
tate/Province Wyoming	Wyoming			Rig Name/No.	ne/No.				
county/Parish	Gillette			Field Supv Name	Name				
egal Location	egal Location   1000' FNL, 500' FEL, Sec38, T45	Sec38, T45N, R101E, 8500 ft	tt.	Office Rep Name	Name				
lole Selection	lole Selection Hole Selection: Intermediate 1	Currency Type	US Dollars						
ob Summary					Date Time	Time			
			1			U) (e.g. 13.31)			
				Arrive Location	tion				
				Job Start	tart		-1916		
			IÞ.	Job Completion	tion				
				Leave Location	tion				
Service Charges									
Item #	Description Of Service		Quantity/Footage	MON	Unit Price, \$	Book Price, \$	Disc, %	Amount, \$	
				EA 🗗					
				EA FA					3
				E G					181
				EA P					<u> </u>
				EA P					
				EA 🗗					
				FIG. 19D	<b>06</b>				

				!	i				
1366									
1000	Estimated Cost, \$		,	Description	0			Vendor	1
							arges	Expected Associated 3rd Party Charges	Expected Associ
		Total Products Cost, \$	Total Prod				l, save this page first)	s are needed, sav	(If additional lines are needed
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					EA F				
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1350					EA 🗗				
7					EA 🖶				
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	Amount, \$	Disc, %	Book Price, \$	Unit Price, \$	MON	Quantity/Footage	Description Of Product	Descrip	tem#
									Product Charges
		Total Services Cost, \$	Total Se				re this page first)	(If additional lines are needed, save this page first)	(If additional line
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					<b>₹</b>				
					<b>A</b>				
					<b>3</b>				

FIG. 19E



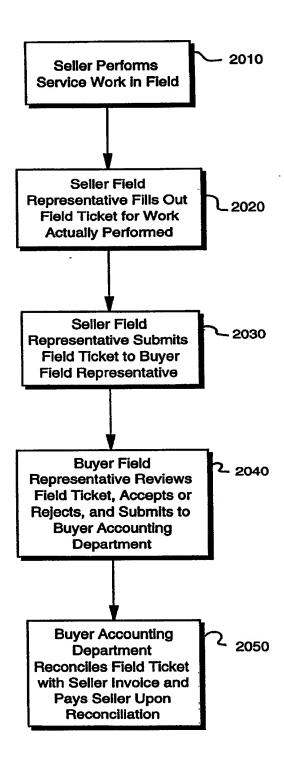


FIG. 20

